



PTO/SB/21 (02-04)  
 Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

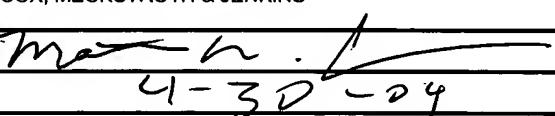
(to be used for all correspondence after initial filing)

		Application Number	10/698,567
		Filing Date	10/31/2003
		First Named Inventor	THOMAS JAMES GALLAGHER
		Art Unit	2834
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	VAL 176 P2

### ENCLOSURES (Check all that apply)

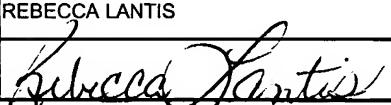
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): RETURN CARD
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MATTHEW R. JENKINS, ESQ. JACOX, MECKSTROTH & JENKINS
Signature	
Date	4-30-04

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	REBECCA LANTIS
Signature	
	Date 4-30-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Inventor(s) : Thomas James Gallagher et al.  
Serial No. : 10/698,567  
Filed : 10-31-2003  
Title : ELECTRIC POWER STEERING  
SYSTEM FOR A VEHICLE  
Group : 2834  
Docket : VAL 176 P2

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to Mail Stop Non-Fee Amendment Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on  
4-30-04

Rebecca Lantis

Typed or printed name of person mailing paper or fee

Rebecca Lantis

Signature of person mailing paper or fee

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97(b)

Pursuant to the provisions of 37 CFR §1.97(b), Applicant(s) wishes to disclose the materials listed below and on the attached form PTO/SB/08A which the Examiner may find relevant to the examination of the above-identified patent application. Pursuant to the Official Gazette Notice of August 5, 2003, waiving the requirements under 37 CFR §1.98(a)(2)(i), Applicant(s) believe copies of any U.S. patents or U.S. patent applications are not required. Copies of any Foreign or Non-Patent references are enclosed herewith.

Patent or Pub. No.	Issued	Inventor	Title
3,560,818	02-02-1971	Amato	Reluctance Motor Power Circuit Using Dual Energy Sources.
4,655,099	04-07-1987	Hansen	Noiseless Stepper Motor.
5,206,571	04-27-1993	Burri	Stepper Motor Controllers.
5,321,342	06-14-1994	Kruse	Two-Phase Brushless DC Motor Controller.
5,757,596	05-26-1998	Weber et al.	Motor Control Assembly and Method of Controlling Same.
5,855,195	01-05-1999	Oikawa et al.	Flow Control Equipment for an Internal Combustion Engine.

5,998,929	12-07-1999	Bechtel et al.	Control System for Automotive Vehicle Headlamps and Other Vehicle Equipment.
6,320,731	11-20-2001	Eaves et al.	Fault Tolerant Motor Drive Arrangement With Independent Phase Connections and Monitoring System.
6,196,078	03-06-2001	DeJonge et al.	External Electronic Transmission Shift System
6,266,591	07- 24-2001	Wilson-Jones et al.	Controller for an Electric Power Assisted Steering System and an Electric Power Assisted Steering System
6,326,750	12-04- 2001	Marcinkiewicz	Active Reduction of Torque Irregularities in Rotating Machines.
6,359,401	03-19-2002	Garcia-Sinclair et al.	Multi-Phase Bipolar Brushless D.C. Motor.
6,465,973	10-15- 2002	Kato et al.	Permanent Magnet 2-Phase DC Brushless Motor.
Pub. 2003/0057908	03-27-2003	Kusaka et al.	Power Supply System and Power Supply Method.
Pub. 2001/0019210	09-06-2001	Fukasaku et al.	Electric Generating System for Automobiles and Its Control Method.
Pub. 2003/0057903	03-27-2003	Desbiolles et al.	Device for Controlling an Electronically Commutated Motor

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b). By filing this statement, Applicant(s) is not making any representation as to whether any of the references referred to herein are material. Further, Applicant(s) cites these references without prejudice, and Applicant(s) reserves the right to contest the status of these references as prior art.

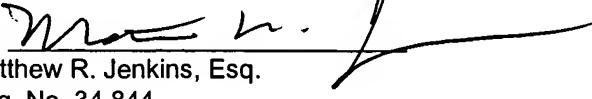
Although Applicant(s) believes that no fee is required by filing this statement, the Commissioner is authorized to charge any required fee to Deposit Account 50-1287.

The Commissioner is hereby authorized to charge any required by this paper, or to credit any overpayment, to **Deposit Account No. 50-1287**. Applicants hereby provide a general request for any

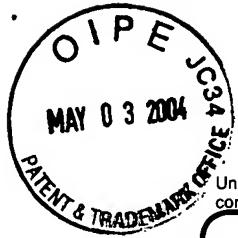
extension of time which may be required at any time during the prosecution of the application. The Commissioner is also authorized to charge any deficiencies that have not been previously paid for and that are required during the prosecution of this application to **Deposit Account No. 50-1287**. (Should Deposit Account No. 50-01287 be deficient, please charge any further deficiencies to Deposit Account No. 10-0220).

Respectfully submitted,

JACOX, MECKSTROTH & JENKINS

By   
Matthew R. Jenkins, Esq.  
Reg. No. 34,844  
2310 Far Hills Building  
Dayton, OH 45419-1575  
(937) 298-2811

April 30, 2004  
/rl



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
is not required to respond to a collection of information unless it contains a valid OMB  
control number.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/698,567
(use as many sheets as necessary)				Filing Date	10-31-2003
				First Named Inventor	Thomas James Gallagher
				Art Unit	2834
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	VAL 176 P2

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

## Sheet

1

2f

**Complete if Known**

Application Number	10/698,567
Filing Date	10-31-2003
First Named Inventor	Thomas James Gallagher
Art Unit	2834
Examiner Name	
Attorney Docket Number	VAL 176 P2

Attorney Docket Number

VAL 176 P2

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		us- 3,560,818	02-02-1971	Amato	
		us- 4,655,099	04-07-1987	Hansen	
		us- 5,206,571	04-27-1993	Burri	
		us- 5,321,342	06-14-1994	Kruse	
		us- 5,757,596	05-26-1998	Weber et al.	
		us- 5,855,195	01-05-1999	Oikawa et al.	
		us- 5,998,929	12-07-1999	Bechtel et al.	
		us- 6,320,731	11-20-2001	Eaves et al.	
		us- 6,196,078	03-06-2001	DeJonge et al.	
		us- 6,266,591	07-24-2001	Wilson-Jones et al.	
		us- 6,326,750	12-04- 2001	Marcinkiewicz	
		us- 6,359,401	03-19-2002	Garcia-Sinclair et al.	
		us- 6,465,973	10-15- 2002	Kato et al.	
		US- Pub. 2003/0057908	03-27-2003	Kusaka et al.	
		US- Pub. 2001/0019210	09-06-2001	Fukasaku et al.	
		US- Pub. 2003/0057903	03-27-2003	Desbiolles et al.	
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered	
-----------------------	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.